

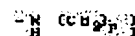
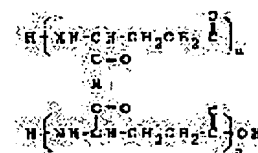
(11)Publication number : **06-256220**
(43)Date of publication of application : **13.09.1994**

(21)Application number : 05-049241
(22)Date of filing : 10.03.1993

(71)Applicant : MEIJI SEIKA KAISHA LTD
(72)Inventor : AKASHI MITSURU
KAKIGI NORIAKI
KISHIDA AKIO
ENDO TAKESHI
KUBOTA HIDETOSHI
INUMA KATSUHARU

(57)Abstract:

CONSTITUTION: A water-containing polymer gel expressed by formula I [R is (non-crosslinked) OH or group of formula II to formula VI ((m) and (p) are integers); (n) is integer; all R groups in the molecule are not OH at the same time. The polymer gel can be produced by reacting the α -carboxyl group of γ -glutamic acid with a bifunctional compound such as diol, diamine or diisocyanate of formula VII or formula VIII. The inclusion of a drug into the polymer gel is carried out by forming an ester bond or an amide bond between the alcoholic hydroxyl group or the primary or secondary amino group (including a group introduced by modification) of the drug molecule and the α -carboxylic group of γ -glutamic acid or by swelling the polymer gel in a solution of the drug.



[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C): 1998,2003 Japan Patent Office

BEST AVAILABLE COPY